

**SCORE Search Results Details for Application 10552515 and Search Result  
20080630\_144103\_us-10-552-515-4.raii**

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This page gives you Search Results detail for the Application 10552515 and Search Result 20080630\_144103\_us-10-552-515-4.

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### OM protein - protein search, using sw model

Run on: June 30, 2008, 17:46:21 ; Search time 40 Seconds  
(without alignments)  
42.303 Million cell updates/sec

Title: US-10-552-515-4  
Perfect score: 42  
Sequence: 1 VILLEVVVPDV 9

Scoring table: BLOSUM62  
Gapopen 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of bits satisfying chosen parameters: 1143754

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:*
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3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/1/iaa/backfile1.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

97

## Result Query

No.	Score	Match Length	DB	ID	Description
1	37	88.1	195	3 US-10-703-032-118540	Sequence 118540,
2	36	85.7	258	2 US-08-737-226-6	Sequence 6, Appli
3	35	83.3	331	3 US-11-216-782-11932	Sequence 11932, A
4	34	81.0	218	2 US-09-902-540-11584	Sequence 11584, A
5	33	78.6	563	3 US-10-369-493-21972	Sequence 21972, A
6	33	78.6	1112	3 US-10-794-342-12	Sequence 12, Appl
7	32	76.2	188	2 US-09-107-532A-5312	Sequence 5312, Ap
8	32	76.2	219	3 US-10-703-032-130999	Sequence 130999,
9	32	76.2	323	3 US-09-992-430B-22	Sequence 22, Appl
10	32	76.2	341	2 US-09-543-681A-4713	Sequence 4713, Ap
11	32	76.2	344	2 US-09-415-277C-5	Sequence 5, Appli
12	32	76.2	344	3 US-10-826-081-25	Sequence 25, Appl
13	32	76.2	352	3 US-10-369-493-626	Sequence 626, App
14	32	76.2	463	2 US-09-710-279-960	Sequence 960, App
15	32	76.2	529	3 US-09-201-228B-275	Sequence 275, App
16	32	76.2	529	3 US-11-450-517-49	Sequence 49, Appl
17	32	76.2	704	3 US-10-369-493-21199	Sequence 21199, A
18	32	76.2	720	3 US-11-216-782-9939	Sequence 9939, Ap
19	32	76.2	10182	2 US-09-134-001C-3159	Sequence 3159, Ap
20	32	76.2	10203	3 US-09-450-969-4098	Sequence 4098, Ap
21	32	76.2	10203	3 US-10-724-972B-4098	Sequence 4098, Ap
22	31	73.8	43	3 US-10-703-032-171338	Sequence 171338,
23	31	73.8	84	2 US-09-513-999C-7215	Sequence 7215, Ap
24	31	73.8	84	3 US-10-793-479-7215	Sequence 7215, Ap
25	31	73.8	112	3 US-10-703-032-146726	Sequence 146726,
26	31	73.8	143	3 US-11-216-782-11050	Sequence 11050, A
27	31	73.8	150	3 US-10-703-032-188058	Sequence 188058,
28	31	73.8	154	3 US-10-703-032-123043	Sequence 123043,
29	31	73.8	199	2 US-09-107-532A-6681	Sequence 6681, Ap
30	31	73.8	237	3 US-10-810-352-82	Sequence 82, Appl
31	31	73.8	237	3 US-10-965-017-32	Sequence 32, Appl
32	31	73.8	237	3 US-11-452-138-41	Sequence 41, Appl
33	31	73.8	320	2 US-09-248-796A-18068	Sequence 18068, A
34	31	73.8	325	2 US-09-543-681A-4269	Sequence 4269, Ap
35	31	73.8	325	2 US-09-489-039A-8339	Sequence 8339, Ap
36	31	73.8	329	2 US-09-107-532A-3759	Sequence 3759, Ap
37	31	73.8	342	2 US-09-415-277C-8	Sequence 8, Appli
38	31	73.8	342	2 US-09-734-237B-46	Sequence 46, Appl
39	31	73.8	342	3 US-10-451-467A-352	Sequence 352, App
40	31	73.8	343	2 US-09-734-237B-48	Sequence 48, Appl
41	31	73.8	345	3 US-10-875-100-110	Sequence 110, App
42	31	73.8	355	3 US-09-252-691C-9776	Sequence 9776, Ap
43	31	73.8	392	1 US-08-423-441-2	Sequence 2, Appli
44	31	73.8	393	2 US-09-248-796A-20643	Sequence 20643, A
45	31	73.8	410	3 US-10-369-493-19854	Sequence 19854, A

## ALIGNMENTS

## RESULT 1

US-10-703-032-118540

; Sequence 118540, Application US/10703032

; Patent No. 7214786

; GENERAL INFORMATION:

;
 APPLICANT: Kovalic, David K.  
 APPLICANT: Andersen, Scott E.  
 APPLICANT: Byrum, Joseph R.  
 APPLICANT: Conner, Timothy W.  
 APPLICANT: Cao, Yongwei  
 APPLICANT: Masucci, James D.  
 APPLICANT: Zhou, Yihua  
 TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 TITLE OF INVENTION: Plants  
 FILE REFERENCE: 38-21(53374)B  
 CURRENT APPLICATION NUMBER: US/10/703,032  
 CURRENT FILING DATE: 2003-11-06  
 PRIOR APPLICATION NUMBER: 10/020,338  
 PRIOR FILING DATE: 2001-12-12  
 NUMBER OF SEQ ID NOS: 211164  
 SEQ ID NO 118540  
 LENGTH: 195  
 TYPE: PRT  
 ORGANISM: Triticum aestivum  
 FEATURE:  
 NAME/KEY: unsure  
 LOCATION: (1)..(195)  
 OTHER INFORMATION: unsure at all Xaa locations  
 FEATURE:  
 OTHER INFORMATION: Clone ID: PAT\_TA\_12958.pep  
 US-10-703-032-118540

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Query Match           88.1%;  Score 37;  DB 3;  Length 195;
Best Local Similarity 66.7%;  Pred. No. 17;
Matches      6;  Conservative     3;  Mismatches     0;  Indels     0;  Gaps     0;
  
```

Qy	1 VLLEVVPDV 9
	::   :
Db	181 IVLEVIPDV 189

## RESULT 2

US-08-737-226-6

;
 Sequence 6, Application US/08737226  
 Patent No. 6143525  
 GENERAL INFORMATION:  
 APPLICANT: NAUTA, Arjan  
 APPLICANT: VENEMA, Gerard  
 APPLICANT: KOK, Jan  
 APPLICANT: LEDEBOER, Adrianus Marinus  
 TITLE OF INVENTION: Complex Inducible Promoter System  
 TITLE OF INVENTION: Derivable From A Phage Of A Lactic Acid Bacterium (LAB),  
 TITLE OF INVENTION: And Its Use In A LAB For Production Of A Desired Protein  
 NUMBER OF SEQUENCES: 11  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.  
 STREET: 1100 New York Avenue, N.W.  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005-3918  
 COMPUTER READABLE FORM:

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;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/737,226
; FILING DATE: 03-Apr-1997
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 258 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-737-226-6
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Query Match          85.7%; Score 36; DB 2; Length 258;
Best Local Similarity 77.8%; Pred. No. 37;
Matches    7; Conservative   1; Mismatches   1; Indels     0; Gaps      0;
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```
Qy      1 VLLEVVPDV 9
       ||:| | |||
Db      189 VLIEAVPDV 197
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## RESULT 3

US-11-216-782-11932

```
; Sequence 11932, Application US/11216782
; Patent No. 7319142
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Krasomil-Osterfeld, Karina C.
; APPLICANT: Malvar, Thomas Michael.
; APPLICANT: Pitkin, John W
; APPLICANT: Slater, Steven C.
; APPLICANT: Wu, Wei
; APPLICANT: Zeng, Jiamin
```

```
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES
```

```
; TITLE OF INVENTION: FROM XENORHABDUS AND USES THEREOF
```

```
; FILE REFERENCE: 38-21 (52053) B
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```
; CURRENT APPLICATION NUMBER: US/11/216,782
```

```
; CURRENT FILING DATE: 2005-08-31
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; PRIOR APPLICATION NUMBER: US 60/606,098
```

```
; PRIOR FILING DATE: 2004-08-31
```

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; NUMBER OF SEQ ID NOS: 16918
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; SEQ ID NO 11932
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; LENGTH: 331
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; TYPE: PRT
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; ORGANISM: Xenorhabdus bovienii
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; FEATURE:
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; OTHER INFORMATION: Coding DNA sequence: Name=SeqID_5824
```

```
; FEATURE:
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```
; OTHER INFORMATION: Gene classification: Gene name=DgoA; Function=O-succinylbenzoate
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; OTHER INFORMATION: synthase and related enzymes; Function class=H Coenzyme metabolism
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; FEATURE:
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; OTHER INFORMATION: Homolog annotation: Query=1..323bp; Hit=1..317bp; Blast score=407;
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; OTHER INFORMATION: Percent Identity=63.0; E value=le-114; Homolog= ZmenC COG1441
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US-11-216-782-11932

Query Match 83.3%; Score 35; DB 3; Length 331;  
 Best Local Similarity 77.8%; Pred. No. 78;  
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9  
       |||| ||||:  
 Db 154 VLLEAVPDL 162

## RESULT 4

US-09-902-540-11584

; Sequence 11584, Application US/09902540  
 ; Patent No. 6833447  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Wiegand, Roger C.  
 ; TITLE OF INVENTION: *Myxococcus xanthus* Genome Sequences and Uses Thereof  
 ; FILE REFERENCE: 38-10(15849)B  
 ; CURRENT APPLICATION NUMBER: US/09/902,540  
 ; CURRENT FILING DATE: 2001-07-10  
 ; PRIOR APPLICATION NUMBER: 60/217,883  
 ; PRIOR FILING DATE: 2000-07-10  
 ; NUMBER OF SEQ ID NOS: 16825  
 ; SEQ ID NO 11584  
 ; LENGTH: 218  
 ; TYPE: PRT  
 ; ORGANISM: *Myxococcus xanthus*  
 US-09-902-540-11584

Query Match 81.0%; Score 34; DB 2; Length 218;  
 Best Local Similarity 77.8%; Pred. No. 78;  
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 VLLEVVPDV 9  
       || ||:|||:  
 Db 117 VLAEVLPDV 125

## RESULT 5

US-10-369-493-21972

; Sequence 21972, Application US/10369493  
 ; Patent No. 7314974  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Chen, Xianfeng  
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES  
 ; FILE REFERENCE: 38-10(52052)B  
 ; CURRENT APPLICATION NUMBER: US/10/369,493  
 ; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039  
; PRIOR FILING DATE: 2002-02-21  
; NUMBER OF SEQ ID NOS: 47374  
; SEQ ID NO 21972  
; LENGTH: 563  
; TYPE: PRT  
; ORGANISM: *Saccharomyces cerevisiae*  
US-10-369-493-21972

Query Match 78.6%; Score 33; DB 3; Length 563;  
Best Local Similarity 75.0%; Pred. No. 3.6e+02;  
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPDV 9  
||:|:|||  
Db 333 LLKVIPDV 340

RESULT 6  
US-10-794-342-12  
; Sequence 12, Application US/10794342  
; Patent No. 7041491  
; GENERAL INFORMATION:  
; APPLICANT: Inohara, Naohiro  
; APPLICANT: Nunez, Gabriel  
; TITLE OF INVENTION: NOD Nucleic Acids and Polypeptides  
; FILE REFERENCE: UM-08922  
; CURRENT APPLICATION NUMBER: US/10/794,342  
; CURRENT FILING DATE: 2004-03-05  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 12  
; LENGTH: 1112  
; TYPE: PRT  
; ORGANISM: *Homo sapiens*  
US-10-794-342-12

Query Match 78.6%; Score 33; DB 3; Length 1112;  
Best Local Similarity 85.7%; Pred. No. 7.6e+02;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LLEVVPD 8  
||||:|||  
Db 40 LLEVIPI 46

RESULT 7  
US-09-107-532A-5312  
; Sequence 5312, Application US/09107532A  
; Patent No. 6583275  
; GENERAL INFORMATION:  
; APPLICANT: Lynn A Doucette-Stamm and David Bush  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO  
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS  
; NUMBER OF SEQUENCES: 7310  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION

;
 STREET: 100 Beaver Street  
 ; CITY: Waltham  
 ; STATE: Massachusetts  
 ; COUNTRY: USA  
 ; ZIP: 02354  
 COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: CD/ROM ISO9660  
 ; COMPUTER: PC  
 ; OPERATING SYSTEM: <Unknown>  
 ; SOFTWARE: ASCII  
 CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/107,532A  
 ; FILING DATE: 30-Jun-1998  
 PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/085,598  
 ; FILING DATE: 14 May 1998  
 ; APPLICATION NUMBER: 60/051571  
 ; FILING DATE: July 2, 1997  
 ATTORNEY/AGENT INFORMATION:  
 ; NAME: Ariniello, Pamela Deneke  
 ; REGISTRATION NUMBER: 40,489  
 ; REFERENCE/DOCKET NUMBER: GTC-012  
 TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (781)893-5007  
 ; TELEFAX: (781)893-8277  
 INFORMATION FOR SEQ ID NO: 5312:  
 SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 188 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; HYPOTHETICAL: YES  
 ; ORIGINAL SOURCE:  
 ; ORGANISM: Enterococcus faecium  
 FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (B) LOCATION 1...188  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 5312:  
 US-09-107-532A-5312

Query Match 76.2%; Score 32; DB 2; Length 188;  
 Best Local Similarity 66.7%; Pred. No. 1.7e+02;  
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy	1 VLLEVVVPDV 9
	:      :
Db	44 VILEGVVPDI 52

RESULT 8  
 US-10-703-032-130999  
 ; Sequence 130999, Application US/10703032  
 ; Patent No. 7214786  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Andersen, Scott E.  
 ; APPLICANT: Byrum, Joseph R.

; APPLICANT: Conner, Timothy W.  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Masucci, James D.  
 ; APPLICANT: Zhou, Yihua  
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants  
 ; FILE REFERENCE: 38-21(53374)B  
 ; CURRENT APPLICATION NUMBER: US/10/703,032  
 ; CURRENT FILING DATE: 2003-11-06  
 ; PRIOR APPLICATION NUMBER: 10/020,338  
 ; PRIOR FILING DATE: 2001-12-12  
 ; NUMBER OF SEQ ID NOS: 211164  
 ; SEQ ID NO 130999  
 ; LENGTH: 219  
 ; TYPE: PRT  
 ; ORGANISM: Triticum aestivum  
 ; FEATURE:  
 ; NAME/KEY: unsure  
 ; LOCATION: (1)..(219)  
 ; OTHER INFORMATION: unsure at all Xaa locations  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_TA\_25417.pep  
 US-10-703-032-130999

Query Match 76.2%; Score 32; DB 3; Length 219;  
 Best Local Similarity 66.7%; Pred. No. 2e+02;  
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy	1 VLLEVVPDV 9
	::
Db	116 VVSVVVPDV 124

## RESULT 9

US-09-992-430B-22  
 ; Sequence 22, Application US/09992430B  
 ; Patent No. 7109010  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rajgarhia, Vineet  
 ; TITLE OF INVENTION: Methods and materials for synthesis of organic products  
 ; FILE REFERENCE: 00-1237-A  
 ; CURRENT APPLICATION NUMBER: US/09/992,430B  
 ; CURRENT FILING DATE: 2002-08-15  
 ; PRIOR APPLICATION NUMBER: 60/252,541  
 ; PRIOR FILING DATE: 2000-11-22  
 ; NUMBER OF SEQ ID NOS: 65  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 22  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Kluyveromyces thermotolerans  
 US-09-992-430B-22

Query Match 76.2%; Score 32; DB 3; Length 323;  
 Best Local Similarity 44.4%; Pred. No. 3.1e+02;  
 Matches 4; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy            1 VLLEVVPDV 9  
               ::||::|:  
 Db            109 IMLEIIPNV 117

RESULT 10  
 US-09-543-681A-4713  
 ; Sequence 4713, Application US/09543681A  
 ; Patent No. 6605709  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GARY BRETON  
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS  
 FOR  
 ; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS  
 ; FILE REFERENCE: 2709.1002-001  
 ; CURRENT APPLICATION NUMBER: US/09/543,681A  
 ; CURRENT FILING DATE: 2000-04-05  
 ; PRIOR APPLICATION NUMBER: US 60/128,706  
 ; PRIOR FILING DATE: 1999-04-09  
 ; NUMBER OF SEQ ID NOS: 8344  
 ; SEQ ID NO 4713  
 ; LENGTH: 341  
 ; TYPE: PRT  
 ; ORGANISM: Proteus mirabilis  
 US-09-543-681A-4713

Query Match            76.2%; Score 32; DB 2; Length 341;  
 Best Local Similarity    75.0%; Pred. No. 3.2e+02;  
 Matches    6; Conservative    2; Mismatches    0; Indels    0; Gaps    0;

Qy            2 LLEVVPDV 9  
               |||::|||  
 Db            181 LLELLPDV 188

RESULT 11  
 US-09-415-277C-5  
 ; Sequence 5, Application US/09415277C  
 ; Patent No. 6531308  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hershberger, Charles  
 ; APPLICANT: Payson, Robert  
 ; TITLE OF INVENTION: Ketoreductase Gene and Protein from Yeast  
 ; FILE REFERENCE: X-11325A  
 ; CURRENT APPLICATION NUMBER: US/09/415,277C  
 ; CURRENT FILING DATE: 1999-10-08  
 ; PRIOR APPLICATION NUMBER: US 09/182,985  
 ; PRIOR FILING DATE: 1998-10-30  
 ; NUMBER OF SEQ ID NOS: 17  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 5  
 ; LENGTH: 344  
 ; TYPE: PRT  
 ; ORGANISM: s. cerevisiae  
 US-09-415-277C-5

Query Match            76.2%; Score 32; DB 2; Length 344;

Best Local Similarity 71.4%; Pred. No. 3.3e+02;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
 Qy 3 LEVVPDV 9  
 ||:||:  
 Db 54 LEIVPDI 60

## RESULT 12

US-10-826-081-25

; Sequence 25, Application US/10826081  
 ; Patent No. 7083962  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kimoto, No. 7083962ihiro  
 ; APPLICANT: Yamamoto, Hiroaki  
 ; APPLICANT: Nakajima, Takanori  
 ; TITLE OF INVENTION: Carbonyl reductases, polynucleotides comprising  
 ; TITLE OF INVENTION: DNA encoding the same, methods for producing the same,  
 ; TITLE OF INVENTION: and methods for producing optically active alcohol  
 ; TITLE OF INVENTION: utilizing the same  
 ; FILE REFERENCE: SHZ-021  
 ; CURRENT APPLICATION NUMBER: US/10/826,081  
 ; CURRENT FILING DATE: 2004-04-15  
 ; PRIOR APPLICATION NUMBER: JP 2003-163015  
 ; PRIOR FILING DATE: 2003-06-06  
 ; PRIOR APPLICATION NUMBER: JP 2003-113402  
 ; PRIOR FILING DATE: 2003-04-17  
 ; NUMBER OF SEQ ID NOS: 25  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 25  
 ; LENGTH: 344  
 ; TYPE: PRT  
 ; ORGANISM: Saccharomyces cerevisiae  
 US-10-826-081-25

Query Match 76.2%; Score 32; DB 3; Length 344;  
 Best Local Similarity 71.4%; Pred. No. 3.3e+02;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 LEVVPDV 9  
 ||:||:  
 Db 54 LEIVPDI 60

## RESULT 13

US-10-369-493-626

; Sequence 626, Application US/10369493  
 ; Patent No. 7314974  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Chen, Xianfeng  
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF  
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES  
 ; FILE REFERENCE: 38-10(52052)B

;
 CURRENT APPLICATION NUMBER: US/10/369,493  
 ; CURRENT FILING DATE: 2003-02-28  
 ; PRIOR APPLICATION NUMBER: US 60/360,039  
 ; PRIOR FILING DATE: 2002-02-21  
 ; NUMBER OF SEQ ID NOS: 47374  
 ; SEQ ID NO 626  
 ; LENGTH: 352  
 ; TYPE: PRT  
 ; ORGANISM: Deinococcus radiodurans  
 US-10-369-493-626

Query Match 76.2%; Score 32; DB 3; Length 352;  
 Best Local Similarity 77.8%; Pred. No. 3.4e+02;  
 Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1 VLLEVVPDV 9
Db	23 VLREVAPDV 31

## RESULT 14

US-09-710-279-960

;
 Sequence 960, Application US/09710279  
 ; Patent No. 6703492  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KIMMERLY, WILLIAM JOHN  
 ; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
 ; FILE REFERENCE: PU3480US  
 ; CURRENT APPLICATION NUMBER: US/09/710,279  
 ; CURRENT FILING DATE: 2000-11-09  
 ; PRIOR APPLICATION NUMBER: 60/164,258  
 ; PRIOR FILING DATE: 1999-11-09  
 ; NUMBER OF SEQ ID NOS: 4472  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 960  
 ; LENGTH: 463  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 ; OTHER INFORMATION: amino acid sequence  
 ; FEATURE:  
 ; NAME/KEY: MOD\_RES  
 ; LOCATION: (463)  
 ; OTHER INFORMATION: variable amino acid  
 US-09-710-279-960

Query Match 76.2%; Score 32; DB 2; Length 463;  
 Best Local Similarity 100.0%; Pred. No. 4.6e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 VLLEVVP 7
Db	394 VLLEVVP 400

## RESULT 15

US-09-201-228B-275  
; Sequence 275, Application US/09201228B  
; Patent No. 7041490  
; GENERAL INFORMATION:  
; APPLICANT: Griffais, Remy  
; APPLICANT: Hoiseth, Susan K.  
; APPLICANT: Zagursky, Robert John  
; APPLICANT: Metcalf, Benjamin J.  
; APPLICANT: Peek, Joel A.  
; APPLICANT: Sankaran, Banumathi  
; APPLICANT: Fletcher, Leah Diane  
; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS, RECOMBINANT HOST CELLS,  
; TITLE OF INVENTION: DNA CHIPS OR KITS CONTAINING THE SAME  
; FILE REFERENCE: GEN-T109X  
; CURRENT APPLICATION NUMBER: US/09/201,228B  
; CURRENT FILING DATE: 1998-11-30  
; PRIOR APPLICATION NUMBER: US 60/107,077  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: FR 97-16034  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: FR 97-15041  
; PRIOR FILING DATE: 1997-11-28  
; NUMBER OF SEQ ID NOS: 5982  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 275  
; LENGTH: 529  
; TYPE: PRT  
; ORGANISM: Chlamydia trachomatis  
US-09-201-228B-275

Query Match 76.2%; Score 32; DB 3; Length 529;  
Best Local Similarity 55.6%; Pred. No. 5.3e+02;  
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy	1 VLLEVVPDV 9
	::   :
Db	238 VCLQIVPDI 246

Search completed: June 30, 2008, 17:51:38  
Job time : 39.625 secs